



**Application For Concrete and/or Block Plants to Request Coverage Under  
the General Condition Major or General State Operating Permit  
Bureau of Air Quality  
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**Instructions for Concrete and/or Block Plants**

**This application is for Concrete Batch and/or Block Plants requesting to operate under the General Conditional Major Concrete Batch Plant Operating Permit (GCMP04), to apply for general state operating permit or request a construction permit. A construction permit requires submitting this form to include Parts I and II.**

**Please submit one signed hardcopy and one electronic copy to the Bureau of Air Quality at SCDHEC, 2600 Bull Street, Columbia, SC 29201. The electronic copy can be submitted on a CD with the hardcopy or emailed to [airpermitting@dhec.sc.gov](mailto:airpermitting@dhec.sc.gov). Any modification to the application will need to be resubmitted.**

This section contains the facility information.

- 1. Company Name for Permit:**  
The name under which this particular facility or plant does business.
- 2. Existing State Air Permit Number:**  
The existing South Carolina air Permit Number.
- 3. Business Mailing Address:**  
The business address where the facility receives mail.
- 4. City:**  
The city of the business mailing address where the facility receives mail.
- 5. State:**  
The state of the business mailing address where the facility receives mail.
- 6. Zip Code:**  
The complete mailing zip code of the business mailing address where the facility receives mail.
- 7. Plant Location (Street or Highway):**  
The physical location of the facility.
- 8. City:**  
The city of the facility's physical location.
- 9. State:**  
The state of the facility's physical location.
- 10. Zip Code:**  
The complete mailing zip code of the facility's physical location.
- 11. County:**  
The name of the county where the facility is physically located.
- 12. Primary SIC Code:**  
Standard Industrial Classification Codes (SIC Codes) are numerical codes designed by the U.S. Government in order to create uniform descriptions of business establishments. The major SIC Code is assigned on the basis of its primary activity, which is determined by its principal product or group of products produced or distributed, or services rendered.
- 13. NAICS Code:**  
The NAICS Code, a coding system, is a series of number codes that attempts to classify all business establishments by the types of products or services they provide. The NAICS classification system is an index for statistical reporting of all economic activities of the U.S., Canada, and Mexico. The NAICS Code can be found at [www.NAICS.com](http://www.NAICS.com).



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**14. EPA (AIRS) Facility ID Number:**

The existing EPA facility identification number (AFS Code) which is assigned to the facility. If no EPA facility ID number has ever been issued to this facility, leave this item blank. Note: this is a number issued by the EPA in order to identify the facility for all purposes (similar to an individual's Social Security Number), completely separate from special federal permit numbers that may be issued.

**15. Latitude:**

The latitude coordinate of the facility site in degrees, minutes, and seconds.

**16. Longitude:**

The longitude coordinate of the facility site in degrees, minutes, and seconds.

**17. Date the Facility Was Built:**

The date the facility began construction of a source or installing emissions equipment in an existing building.

This section contains the facility contact information.

**18. Last:**

The last name of the Environmental/Technical contact.

**19. First:**

The first name of the Environmental/Technical contact.

**20. Title:**

The title or position that the Environmental/Technical contact possesses at the time of the application submittal.

**21. Mailing Address Line1:**

The address where the current Environmental/Technical contact receives mail.

**22. Mailing Address Line2:**

The alternate (if applicable) address where the current Environmental/Technical contact receives mail.

**23. City:**

The city where the current Environmental/Technical contact receives mail.

**24. State:**

The state where the current Environmental/Technical contact receives mail.

**25. Zip Code:**

The complete zip code where the current Environmental/Technical contact receives mail.

**26. Phone No.:**

The complete telephone number where the Environmental/Technical contact can be notified. List extension if available.

**27. Fax No.:**

The complete telephone number for the electronic facsimile machine where correspondence may be communicated to the Environmental/Technical Contact.

**28. E-mail Address:**

The e-mail address for the Environmental/Technical Contact.

**Permit Application Type:**

Select, by checking the corresponding box, one permit type for which the application has been submitted from the following: New, Renewal, Permit Modification, or construction permit request. The following describes each type of permit application:



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- New Permit: no General Conditional Major Permit or General State Operating permit has ever been issued to this facility. Complete Part I.
- Permit Renewal: existing General Conditional Major or General State Operating permit is due for renewal. Complete Part I
- Modification: changes to existing permit. Complete Parts I & II.
- Construction Permit Request: Prior to construction, alteration of a process, installation of a control device, or the addition of a source of emissions, a permit must be obtained. Before a permit is issued, a construction permit application must be submitted to the Bureau of Air Quality. The following items must be submitted along with this application form to be considered complete.
  - 1.) Plot plan, to scale, of proposed facility showing property lines.
  - 2.) BAQ Air Toxic/Modeling Questionnaire(s) for each emission point.
  - 3.) Flow diagrams of processes that create air emissions.
  - 4.) Calculations and vendor data to support emission rates.
  - 5.) Other necessary information requested by BAQ in pre-application meeting.
  - 6.) A written narrative of the proposed construction project.

## **PART I**

### **Section A. Facility Information**

**Does this facility manufacture concrete block and/or pipe?:**

Check yes or no.

**Has the Facility been previously permitted by the Bureau?:**

Please indicate by checking the appropriate box if the facility has previously been issued a permit by the Bureau.

**Does this facility operate a boiler or any other fuel burning operation?:**

**Does this facility have any petroleum liquid storage tanks? If yes, then fill out part F or G below.**

Check yes or no.

### **Section B. Plant Data:**

Enter the date of equipment manufacture, manufacture name, model number, rated capacity, and number of silos located at the plant.

### **Section C. Control Equipment:**

List the type, make, model number, and location of all control devices used at the plant.

### **Section D. Fuel Burning Information:**

List fuel data for the burner(s) in the dryer(s).

**Section E. Fuel Data:** Natural gas, propane, liquefied petroleum gas, fuel oil and/or recycled oil (with prior written approval from this Department) shall be the only fuels used in boilers.

Fuel oil sulfur content shall be less than or equal to 0.5 percent by weight. The use of any other substances as fuel is prohibited without prior written approval from the Bureau of Air Quality. Usage of fuel oil sulfur content higher than 0.5% may result in limits on fuel usage or require additional monitoring and/or recordkeeping.

(A Fuel Calculation Sheet located at <http://www.scdhec.net/>, under Forms can be utilized to calculate the required fuel usage .)

### **Section F. Other Emission Sources:**

List any emission sources covered under the general applicability( Applicability Item #1 above)of the permit which are not included in Part 3.0(D) of the general permit (GCMP-04), "Exempt Equipment or Process."

### **Section G. Exempt Sources of Emissions:**

List any sources which are considered exempt in accordance with Part 3.0 (D) of the general permit (GCMP-04), "Exempt Equipment or Process." Include a brief description of the source(s).



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**Section H. Monitoring, Recordkeeping, and Reporting Plans:**

Please describe the specific monitoring, recordkeeping (i.e., method of recordkeeping, type of measurement equipment, etc.) and reporting plans (as defined in Part 3.0, Section F & G of the general permit) to show compliance with the operational limitations of the general permit. Also, include an example calculation that will be used to determine emissions. (This may be done as an attachment)

**Signatures:**

**29. Environmental/Technical Contact Signature:**

The signature of the Environmental Contact certifying the application.

**30. Professional Engineer Signature:**

A professional engineer's signature and seal, who is registered in South Carolina, is necessary for construction permit applications only.

**31. Please check "yes" or "no" if you would like an electronic copy of the permit.**

**32. Please check "yes" or "no" if you would like a hardcopy copy of the permit.**

**33. Consulting firm:**

The name of the consulting firm, professional engineer, or other entity that prepared the Application for the facility.

**Preparer Name:**

The name of the person that prepared the Application for the facility.

**34. Last:**

The last name of the person that prepared the Application for the facility.

**35. First:**

The first name of the person that prepared the Application for the facility.

**36. Mailing Address Line 1:**

The complete mailing address of the consulting firm, professional engineer, or other entity that prepared the Application for the facility.

**37. Mailing Address Line 2:**

The complete mailing alternate (if applicable) address of the consulting firm, professional engineer, or other entity that prepared the Application for the facility.

**38. City:**

The city where the consulting firm, professional engineer, or other entity that prepared the Application for the facility is located.

**39. State:**

The state where the consulting firm, professional engineer, or other entity that prepared the Application for the facility is located.

**40. Zip Code:**

The complete zip code for the consulting firm, professional engineer, or other entity that prepared the Application for the facility.

**41. Phone No.:**

The complete telephone number where the consulting firm, professional engineer, or other entity that prepared the Application for the facility can be contacted. List extension if available.

**42. Fax No.:**



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The complete telephone number for the electronic facsimile machine where correspondence may be communicated to the professional engineer, or other entity that prepared the Application for the facility.

**43. E-mail Address:**

The email address of the professional engineer or other entity that prepared the Application for the facility.

**PART II**

Complete Part II for construction permit and modification requests. This section describes all emission units affected by the proposed modification or construction permit. Attach detailed calculations to support data, including method of estimating emissions.

04/29/06 shb